HATCHERY SCIENTIFIC REVIEW GROUP
Biographical Information

Agency-Appointed Scientists

H. Lee Blankenship
Washington Department of Fish and Wildlife
Olympia, WA

Lee Blankenship is a Senior Research Scientist with the Washington Department of Fish and Wildlife. He was instrumental in the development of the coded wire tag and has spent most of his 27-year career developing and evaluating stock identification tools. He has authored numerous publications dealing with stock identification and marine stock enhancement. He has served five years as an associate editor for the *North American Journal of Fisheries Management* and is an Adjunct Scientist with Mote Marine Laboratory, Florida.

Donald Campton
U.S. Fish & Wildlife Service
Abernathy Fish Technology Center
Longview, WA

Don Campton has a B.S. in Genetics (1974) from the University of California, Berkeley; a M.S. in Fisheries (1981) from the University of Washington, Seattle; and a Ph.D. in Genetics (1986) from the University of California, Davis. His employment has included:

- 1997-present—Regional Geneticist, U.S. Fish & Wildlife Service, Longview, WA.
- 1986-1997—Assistant/Associate Professor, Department of Fisheries & Aquatic Sciences, University of Florida, Gainesville, FL.
- 1981-1986—Graduate Research Assistant, Department of Animal Science and Genetics Graduate Program, University of California, Davis, CA.
- 1978-1980—Fisheries Research Biologist, Washington State Department of Game, Mount Vernon, WA.
- 1976-1978—Graduate Research Assistant, School of Fisheries, University of Washington, Seattle.

Conrad Mahnken
National Marine Fisheries Service
Manchester, WA

Conrad Mahnken has a B.S. & M.S. in Oceanography and a Ph.D. Fisheries. His present position is Program Manager and Laboratory Director for the Manchester Laboratory, Northwest Fisheries Science Center, National Marine Fisheries Service. His career history is as follows: 1960–62, Biologist with the U.S. Atomic Energy Commission, at various tropical atolls in the Pacific Proving Ground studying the fate of radioisotopes in the aquatic food web. 1962–64, Oceanographer with the Department of Interior, program

leader Zooplankton Ecology and chief scientist on oceanographic cruises to the tropical Atlantic (west Africa) to study tuna ecology; 1964–67 moved to Miami to open a new federal fisheries laboratory and conduct tuna research in South America and the Caribbean. 1967–68 returned to Seattle to conduct baseline oceanographic studies prior to underground nuclear testing on Amchitka island in the Aleutians. 1969, NOAA Man in the Sea Program as one of four U.S. Aquanauts to occupy the Tektite Underwater Laboratory on St. John, Virgin Islands (60 days on the seafloor). 1970, helped establish the National Marine Fisheries Service, Manchester Fisheries Laboratory on western Puget Sound. Dr. Mahnken has been director of the laboratory for 20 years. Additional activities include chairmanship of the U.S./Japan Natural Resources Committee on Aquaculture, member of all NMFS Biological Review Teams for proposed ESA listings of Pacific Northwest salmonids. Research at the Manchester Laboratory is presently focussed on the conservation and recovery of threatened and endangered sockeye and chinook salmon in the Pacific Northwest. Dr. Mahnken and his staff are recognized for pioneering new conservation and enhancement strategies and technologies for the restoration and recovery of Pacific salmon populations.

John Barr
Nisqually Natural Resources Dept.
Olympia, WA

John Barr is employed as the Salmon Restoration Program Supervisor for the Nisqually Indian Tribe and has been appointed to represent the tribes of the Northwest Indian Fisheries Commission on the HSRG. Mr. Barr has been involved in the artificial production of salmon for nearly 20 years. The majority of that experience has come from working with several tribes throughout Puget Sound and Hood Canal. Mr. Barr has planned, designed and operated nearly every type of fish rearing facility, including low-cost, low-tech stations, marine net-pens, and one of the newest and largest tribal facilities in Puget Sound. In addition to his experience with the practical applications of salmon culture, he is familiar with the current processes involved in artificial production programming, and many of the existing hatchery operating guidelines. Mr. Barr has also been involved in the development of both regional and species management and production plans.

<u>American Fisheries Society-Nominated/Gorton Science Team-Appointed Scientists</u>

Trevor Evelyn
Fisheries and Oceans Canada
Pacific Biological Station
Nanaimo, B.C.

Dr. Trevor Evelyn retired from his position as head of the Fish Health and Parasitology Section at the Department of Fisheries and Oceans' Pacific Biological Station (PBS) in Nanaimo in 1997 after an active 32-year career of research in the fish health field. Dr. Evelyn's extensive studies on fish disease control have been widely published in leading fish health journals, and his expertise in his field is well recognized both nationally and

internationally. Canada's Fish Health Protection Regulations are to a large extent a product of his and his colleagues' efforts. He is often an invited speaker at various national and international conferences and symposia, and over the years has served universities in Canada and abroad in a number of capacities, particularly by developing and supervising graduate student research projects. He has also served on the editorial boards of various science journals (currently two) and for 10 years was Editor re Microbial Fish Diseases for a leading fish health science journal. At the request of various national and international organizations, Dr, Evelyn has undertaken projects in many parts of the world including Iceland, various European countries, New Zealand, China, and several countries in Southeast Asia. In North America, he served the Fish Health Section of the American Fisheries Society in a number of capacities, including elected President. His work has earned him various honors, including the prestigious SF Snieszko Distinguished Service Award and an Honorary Doctor of Letters degree from Malaspina University College. In his retirement, Dr. Evelyn has remained active. His advice is constantly sought after by individuals and agencies with fish health-related problems, by the editors of a number of science journals, by book publishers, by various Canadian and foreign science funding agencies, and by the Canadian Experts Services Organization. Currently, Dr. Evelyn enjoys the post-retirement office facilities at the Pacific Biological Station and has been accorded the title of Scientist Emeritus.

Lars Mobrand
Mobrand Biometrics
Vashon, WA

Dr. Mobrand has been involved in Northwest fisheries issues as a researcher, manager, planner, and scientific advisor for over 30 years. He holds a Ph.D. in biomathematics from the University of Washington. Dr. Mobrand currently heads a consulting group involved with ecosystem planning, resource restoration, cumulative impact analysis, and facilitation of cooperative resource planning projects. Previous roles include Chief of Salmon Harvest Management and Chief of the Salmon Research Division for the Washington Department of Fisheries; Technical Mediator on inter-tribal harvest allocation issues in the US v. Washington Case Area; and serving as Technical Advisor to the Federal Judge in the US v. Washington fishing rights case (Boldt Decision) and as Chairman of the Fisheries Advisory Board under US v. Washington.

Robert Piper
US Fish and Wildlife Service (Retired)
Bozeman, MT

Robert G. Piper received his Bachelor of Science degree from Cornell University at Ithaca, New York in 1952, and is a Certified Fisheries Scientist with the American Fisheries Society. He is a member of the Association of Conservation Engineers, and is a member of the Bioengineering Section and Fish Culture Section, American Fisheries Society. His 29 years with the US Fish and Wildlife Service includes two years as a fishery research biologist at the Eastern Fish Disease Laboratory, Leetown, West Virginia; five years experience as a hatchery biologist, responsible for the operation of a regional fish disease diagnostic laboratory for the mid-western United States; four years

as a research biologist, conducting studies in the selective breeding of trout at the Fish Genetics Laboratory in Wyoming; 19 years experience at the Service's Fish Technology Center, Bozeman, Montana, involving studies in fish husbandry techniques, effects of hatchery environment on fish quality, and the development of fish hatchery design criteria, hatchery carrying capacity standards, and fish production procedures. He served as Director of the Bozeman Center for 12 years, prior to his retirement from Federal service in March, 1985. After retiring, he served ten years as editor of The Progressive Fish-Culturist, a quarterly scientific journal published by the American Fisheries Society. Mr. Piper is involved in fish hatchery design criteria as a private consultant.

Lisa Seeb
Gene Conservation Laboratory
Alaska Department of Fish and Game
Anchorage, AK

Lisa Seeb serves as the Principal Geneticist within the Gene Conservation Laboratory for the Division of Commercial Fisheries of the Alaska Department of Fish and Game in Anchorage. She received an A.B. in Zoology (University of California), an M.A. in Zoology (University of Montana), and a Ph.D. in Fisheries (University of Washington).

Prior to migrating north to join the Alaska Dept. of Fish and Game in 1991, she worked as a consultant in fisheries genetics in the Puget Sound region, served as a geneticist for NMFS in Seattle, and as a Research Assistant Professor at the University of Idaho and Southern Illinois University. Her career-long research interest has been in the use of molecular genetic methods to improve the management of wild and hatchery populations of salmonids and marine fishes. She has participated as an author on over 30 peer-reviewed scientific publications and numerous technical reports and served as an Associate Editor for the North American Journal of Fisheries Management. Currently, she is an Associate Editor for the Journal of Heredity. She is also a member of the Committee on Scientific Research and Statistics for the North Pacific Anadromous Fish Commission (NPAFC), chairs the Stock Identification Working Group within the Commission, and is a member of the Joint Technical Committee for the U.S./Canada Yukon River Panel.

William Smoker
School of Fisheries and Ocean Sciences
University of Alaska
Juneau, AK

Bill Smoker is a Professor of Fisheries at the School of Fisheries & Ocean Sciences, University of Alaska Fairbanks, located at the School's Juneau Center. His research has focused on the biology of Pacific Salmon, particularly on aspects related to conservation and to artificial culture; he is author or co-author of 30 peer-reviewed scientific papers. He serves on the Board of Directors of one of Alaska's regional non-profit salmon aquaculture corporations (Prince William Sound Aquaculture Corp) and on the Northwest Power Planning Council's Independent Science Review Panel for the

Columbia River Basin. He has served as Associate Editor of the Progressive Fish-Culturist (North American Journal of Aquaculture; 1994-97) and was Visiting Associate Professor at the Hokkaido University Faculty of Fisheries (1988-89). He earned his BA in Biology from Carleton College (’67), and his MS in Oceanography (’69) and PhD in Fisheries (’81) from Oregon State University.